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FAST DOMINANT CIRCLE DETECTION THROUGH HORIZONTAL AND VERTICAL SCANNING

Abstract of the Disclosure

A method for determining a circle in an image is disclosed. The method extracts a first pair of edge points along an *x*-axis of the image, extracts a second pair of edge points along a *y*-axis of the image, determines an intersection of a first and second line extending perpendicular from a pair of midpoints of the first and second pair of edge points respectively, and determines a radius from the intersection to any edge point.

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